TABLE 2.—*Instrumental seismological reports, September, 1919*—Continued

Date.	Character.	Phase.	Time.	Period T.	Amplitude. A_E	Amplitude. A_N	Distance.	Remarks.
Canada. *Ottawa. Dominion Astronomical Observatory*—Continued.								
26	.....	L.....	21 07 .. to 21 16 ..	17	.....	.....	.....	
		L.....	21 20 .. to 21 25 ..	17	.....	.....	.....	
		F.....	21 50 ..	.....	.....	.....	.....	
27	.....	O?.....	3 34 32	.....	.....	.....	4,080	
		$eP?_N$..	3 41 56	.....	.....	.....	.....	
		PR_1...	3 43 36	.....	.....	.....	.....	
		$eS_N?$..	3 47 48	.....	.....	.....	.....	
		eL.....	3 55 ..	22	.....	.....	.....	
		L_E....	4 00 .. to 4 05 ..	20	.....	.....	.....	
		L.....	4 20 .. to 4 25 ..	17	.....	.....	.....	
		F.....	4 30 ..	.....	.....	.....	.....	

Canada. *Toronto. Dominion Meteorological Service.*

Lat., 43° 40′ 01″ N.; long., 79° 23′ 54″ W. Elevation, 113.7 meters. Subsoil: Sand and clay.

Instrument: Milne horizontal pendulum, North; in the meridian.

T_0 Instrumental constant..18. Pillar deviation, 1 mm. swing of boom=0.45″.

				H. m. s.	*Sec.*	μ	μ	*Km.*	
Sept.	1	.....	L?....	20 10 10	.....	*100	.....	.....	Micros going on.
	6	.....	S?.....	9 36 00	.....	.....	.....	.....	
			L.....	9 41 06	.....	.....	.....	.....	
			eL.....	9 43 36	.....	.....	.....	.....	
			M.....	9 45 00	.....	*1,700	.....	.....	
			F.....	10 37 54	.....	.....	.....	.....	
	13	.....	L.....	11 37 12	.....	.....	.....	.....	Doubtful as to being seismic.
			eL.....	11 39 36	.....	.....	.....	.....	
			M.....	11 40 30	.....	.....	.....	.....	
			F.....	11 46 30	.....	.....	.....	.....	
	13	.....	i.....	12 19 06	.....	.....	.....	.....	Very difficult seismogram to read.
			i.....	12 20 48	.....	.....	.....	.....	
			S?.....	12 25 18	.....	.....	.....	.....	
			L.....	12 34 24	.....	.....	.....	.....	
			L.....	12 38 30	.....	.....	.....	.....	
			L.....	12 45 06	.....	.....	.....	.....	
			L.....	12 53 54	.....	.....	.....	.....	
			eL.....	12 55 48	.....	.....	.....	.....	
			M.....	12 57 24	.....	*800	.....	.....	
	13	.....	L.....	14 21 42	.....	.....	.....	.....	Doubtful, but some strong seismic features.
			eL.....	14 37 18	.....	*200	.....	.....	
			M.....	14 37 42	.....	.....	.....	.....	
	15	.....	e.....	17 44 24	.....	.....	.....	.....	
			eL.....	17 48 48	.....	.....	.....	.....	
			M.....	17 52 30	.....	*300	.....	.....	Micros going on.
			F.....	Micros.	.....	.....	.....	.....	
	19	.....	L.....	3 28 42?	.....	.....	.....	.....	
			L.....	3 31 24?	.....	*50	.....	.....	
	22	.....	L.....	11 40 06	.....	*200	.....	.....	Doubtful as to being seismic.
	26	.....	e.....	9 28 24?	.....	.....	.....	.....	
			L.....	9 37 06	.....	*100	.....	.....	Do.
			L.....	9 40 42	.....	.....	.....	.....	
	26	.....	L.....	21 00 12	.....	.....	.....	.....	
			L.....	21 07 48	.....	.....	.....	.....	
			eL.....	21 10 00	.....	.....	.....	.....	
			M.....	21 11 24	.....	*300	.....	.....	
			L.....	21 25 36	.....	.....	.....	.....	
	27	.....	M.....	4 08 23	.....	*100	.....	.....	
			F.....	4 14 46	.....	.....	.....	.....	
	27	.....	i.....	3 51 18	.....	.....	.....	.....	
			L.....	3 52 48	.....	.....	.....	.....	
			eL.....	3 53 48	.....	.....	.....	.....	
			M.....	3 57 42	.....	*800	.....	.....	
			F.....	4 21 42	.....	.....	.....	.....	
	30	.....	L.....	7 53 25	.....	*500	.....	.....	
			F.....	8 01 18	.....	.....	.....	.....	

*Trace amplitude.

Date.	Character.	Phase.	Time.	Period T.	Amplitude. A_E	Amplitude. A_N	Distance.	Remarks.

Canada. *Victoria, B. C. Dominion Meteorological Service.*

Lat., 48° 24′ N.; long., 123 19′ W. Elevation, 67.7 meters. Subsoil: Rock.

Instrument: Wiechert, vertical; Milne horizontal pendulum, North. In the meridian.

T_0 Instrumental constant..18. Pillar deviation, 1 mm. swing of boom=0.54″.

				H. m. s.	*Sec.*	μ	μ	*Km.*	
Sept.	1	.....	L.....	20 04 46	.....	.....	.....	.....	
			M.....	20 07 13	.....	*300	.....	.....	
			F.....	20 13 07	.....	.....	.....	.....	
	6	.....	P.....	9 49 48	.....	.....	.....	.....	
			L.....	9 58 10	.....	.....	.....	.....	
			M.....	10 05 04	.....	*500	.....	.....	
			F.....	10 38 59	.....	.....	.....	.....	
	13	.....	P.....	12 32 30	.....	.....	.....	.....	
			S.....	12 41 21	.....	.....	.....	.....	
			L.....	12 53 39	.....	.....	.....	.....	
			M.....	13 11 22	.....	*500	.....	.....	
			F.....	13 58 34	.....	.....	.....	.....	
	15	.....	P.....	17 46 20	.....	.....	.....	.....	Off coast of California.
			S.....	17 47 19	.....	.....	.....	.....	
			L.....	17 49 08	.....	.....	.....	.....	
			M.....	17 50 46	.....	*400	.....	.....	
			F.....	17 59 38	.....	.....	.....	.....	
	19	.....	M.....	3 40 11	.....	*200	.....	.....	
			F.....	3 49 02	.....	.....	.....	.....	
	22	.....	L.....	11 36 32	.....	*50	.....	.....	Doubtful as to being seismic.
	26	.....	L.....	20 04 50	.....	.....	.....	.....	
			M.....	20 13 41	.....	.....	.....	.....	
			F.....	22 07 47	.....	*400	.....	.....	Probably Honolulu.
	27	.....	M.....	4 08 23	.....	*100	.....	.....	
			F.....	4 14 46	.....	.....	.....	.....	
	30	.....	P.....	7 45 52	.....	.....	.....	.....	
			L.....	7 47 50	.....	.....	.....	.....	
			M.....	7 49 17	.....	*300	.....	.....	
			F.....	7 54 12	.....	.....	.....	.....	

*Trace amplitude.

SEISMOLOGICAL DISPATCHES.[1]

Alicante, Spain, September 10, 1919. (2 p. m.)

At 11:40 this morning, and with one second interval, two very intense earthquake shocks, of two seconds duration, were felt here. About fifteen minutes later two similar ones were felt. No damage reported as yet. (Special dispatch.)

Murcia, Spain, September 10, 1919. (6 p. m.)

During the last hours of the morning strong shocks began to be felt. At 1:30 p. m. the oscillations repeated but not as strongly. About 3 p. m. the earthquake was felt again, this time more violently. (Special dispatch.)

Alcony, Spain, September 10, 1919.

At 11:45 an oscillation was felt, which was repeated at 12 o'clock. It was of very short duration. (Special dispatch.)

Cartagena, Spain, September 10, 1919.

During this day several seismic movements were felt. They reached the number of five. The first was of three minutes duration. The last one was more intense than the others. (Special dispatch.)

Rome, Italy, September 12, 1919.

Several villages in the province of Siena were severely shaken last night by an earthquake. Houses collapsed or were badly damaged at Bagni, Asciana, Montorio, Radicofani, Pian Castagnajo, Badia, San Salvatore, and Celle. (Associated Press.)

Copenhagen, September 12, 1919. (Belated.)

A violent earthquake occured at Edinger, a town in Wurtenberg, Germany, Wednesday night, it was reported here today. (Associated Press.)

[1] Reported by the organization indicated and collected by the seismological station at Georgetown University, Washington, D. C.